Properties of the Bergman Kernel in connection with the Riemann (Ahlfors) maps are described. It was known previously that the Bergman Kernel is algebraic iff the Riemann (Ahfors) maps are algebraic. With some conditions put on the boundary of a domain it is found that the Bergman Kernel is an elementary function iff the Riemann (Ahlfors) maps are.

#147
Jason A. Anema